

517, 194

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/020023 A2

(51) International Patent Classification⁷: **A61M 5/00**

(21) International Application Number:
PCT/DK2003/000572

(22) International Filing Date:
2 September 2003 (02.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2002 01286 2 September 2002 (02.09.2002) DK

(71) Applicant (for all designated States except US): UN-
OMEDICAL A/S [DK/DK]; Engmosen 1, DK-3540
Lynge (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MOGENSEN,**

Lasse, Wesseltoft [DK/DK]; Jacob Bulls Allé 100, 1.,
DK-2860 Søborg (DK). **GÖRANSSON, Magnus, Walter**
[SE/SE]; Folkungagatan 11, SE-41102 Göteborg (SE).

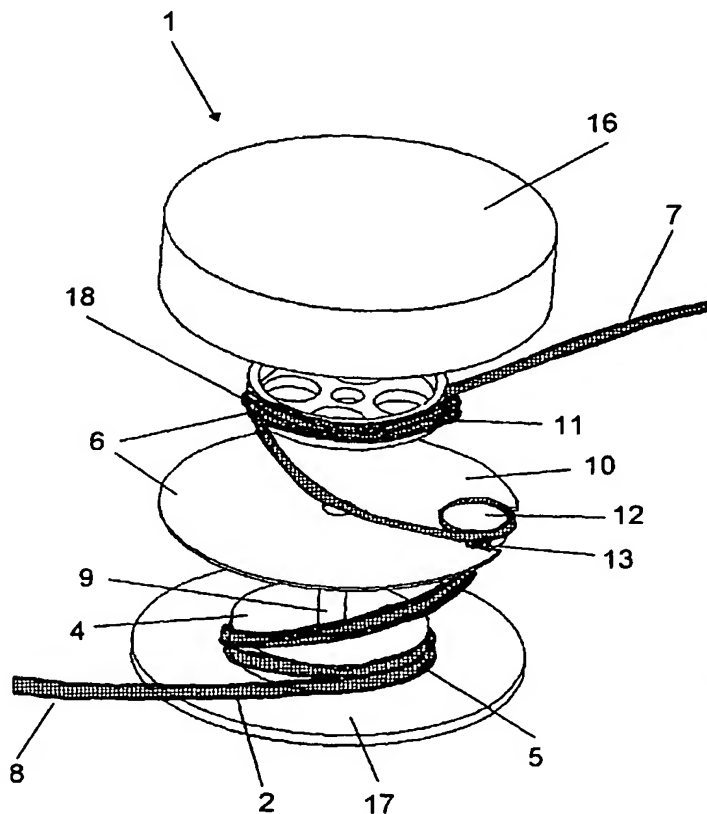
(74) Agent: **ZACCO DENMARK A/S**; Hans Bekkevolds Alle
7, DK-2900 Hellerup (DK).

(81) Designated States (*national*): AE, AG, AL, AM, AT (util-
ity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (util-
ity model), DE, DK (utility model), DK, DM, DZ, EC, EE
(utility model), EE, ES, FI (utility model), FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility
model), PT, RO, RU, SC, SD, SE, SG, SK (utility model),
SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: AN APPARATUS AND A METHOD FOR ADJUSTMENT OF THE LENGTH OF AN INFUSION TUBING



(57) Abstract: The invention relates to an apparatus/a medical utensil (1) for adjustment of the length of an infusion tubing (2), comprising a housing (3) with an axle/cylinder part (4) arranged about a center axis, said housing (3) further comprising at least one turnable unit (6), wherein the housing (3) comprises a first axle (4); and about which axle (9) the turnable unit (6) turns. Hereby winding is enabled of an infusion tubing with adjustment of the connecting length between pump and the site of infusion, and wherein the apparatus is independent of infusion cannula and pump. The apparatus enables reuse due to said independence. The system also enables the user to locate the winding unit anywhere on his body he may find suitable with regard to physiology and with regard to clothing. It is thus possible to arrange it underneath one's sweater, in one's waistband, pocket or the like. Moreover an automatic winder is accomplished, and wherein increase and reduction of the length is accomplished in a simple manner. The construction is particularly suitable for the handicapped, and likewise it saves time for hospital staff in connection with patients who use infusion units.

WO 2004/020023 A2